Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 12 Jun 2023 until 23:59 on Tuesday 13 Jun 2023

Forecast Issued on Monday 12 Jun 2023 at 03:12

Confidence: High confidence for very warm, humid and thundery weather pattern, changing to a more settled and drier picture by the end of the week. Low to moderate confidence for precise location and distribution of thunderstorms.

Headline for Monday 12 Jun 2023: Fine with sunshine during the morning. Probably cloudier but largely fine in afternoon, with shower risk held away to south. Very warm and humid.

Mountain weather hazards on Monday 12 Jun 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny	Sunny	Sunny intervals	Sunny intervals	Clear night
Precipitation probability					
10%	10%	10%	20%	30%	20%

Forecast for Monday 12 Jun 2023

Weather: A fine and dry start to the day with plenty of sunshine - soon becoming very warm, with this exacerbated by the humidity. While cloud is expected to bubble up towards lunchtime, the threat of heavy and thundery showers should lie south of the Park, although these may drift into the area late in the day. The threat of any showers should ease during the evening, with valley mist and fog locally.

Chance of cloud-free hill tops above 600m: Generally greater than 95%

Low Cloud and visibility: Perhaps some local mist in valleys first thing and perhaps some ragged cloud below 500m, but soon clearing. Small chance of sharp visibility deteriorations in any late showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 12 Jun 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/11 NE	11/14 E	11/17 E	12/18 E	12/18 E	8/15 E	9/15 E
300	4/10 NE	8/13 E	9/16 E	8/16 E	10/18 E	6/15 E	7/14 E
Valley	2/6 E	6/12 E	8/14 E	9/16 E	9/16 E	8/15 E	8/15 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	17/17	19/17	22/19	22/20	20/18	17/16	15/14
300	18/18	23/22	26/24	26/24	23/21	17/16	16/15
Valley	19/19	25/24	28/27	28/27	25/24	21/20	18/16
Freezing Level*	2700m	2600m	2600m	2800m	2900m	2900m	3000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High humidity is likely to make exertion uncomfortable beyond late morning.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 12 Jun 2023	3.8mm	3.8mm	3.8mm

Forecast for Tuesday 13 Jun 2023

Weather: Any remaining showers soon fading in the early hours to leave the Park dry by dawn, perhaps with some local valley mist. A drier, brighter and markedly less humid-feeling day is then expected, with lengthy sunny periods. The UV index will again be high, and this is likely to be the main hazard. Staying fine during the evening, but with the wind picking up appreciably.

Maximum wind: Increasing southeasterly 30mph.

Chance of cloud-free hill tops above 600m: 90%

Low Cloud and visibility: Cloud probably clear of tops throughout. Visibility unimpeded throughout.

Temperature: **Valleys:** Plus 15 becoming 26 degrees Celsius.
At 600m: Plus 18 Celsius.
Freezing level: Well above the summits.

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